

# Jianling Xie

## List of Publications by Citations

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50  
papers

1,486  
citations

22  
h-index

38  
g-index

75  
ext. papers

1,861  
ext. citations

5.9  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
50	Cellular signalling of the receptor for advanced glycation end products (RAGE). <i>Cellular Signalling</i> , <b>2013</b> , 25, 2185-97	4.9	326
49	mTOR inhibitors in cancer therapy. <i>F1000Research</i> , <b>2016</b> , 5,	3.6	176
48	Eukaryotic elongation factor 2 kinase activity is controlled by multiple inputs from oncogenic signaling. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 4088-103	4.8	65
47	Rapamycin toxicity in MIN6 cells and rat and human islets is mediated by the inhibition of mTOR complex 2 (mTORC2). <i>Diabetologia</i> , <b>2012</b> , 55, 1355-65	10.3	59
46	The MAP kinase-interacting kinases regulate cell migration, vimentin expression and eIF4E/CYFIP1 binding. <i>Biochemical Journal</i> , <b>2015</b> , 467, 63-76	3.8	49
45	The role of mammalian target of rapamycin (mTOR) in the regulation of pancreatic $\beta$ cell mass: implications in the development of type-2 diabetes. <i>Cellular and Molecular Life Sciences</i> , <b>2012</b> , 69, 1289-304	10.3	48
44	Trends in advanced glycation end products research in diabetes mellitus and its complications. <i>Molecular and Cellular Biochemistry</i> , <b>2010</b> , 341, 33-41	4.2	47
43	Identification of cAMP-dependent kinase as a third in vivo ribosomal protein S6 kinase in pancreatic beta-cells. <i>Journal of Molecular Biology</i> , <b>2009</b> , 389, 480-94	6.5	41
42	cAMP inhibits mammalian target of rapamycin complex-1 and -2 (mTORC1 and 2) by promoting complex dissociation and inhibiting mTOR kinase activity. <i>Cellular Signalling</i> , <b>2011</b> , 23, 1927-35	4.9	39
41	mTORC1 Plays an Important Role in Skeletal Development by Controlling Preosteoblast Differentiation. <i>Molecular and Cellular Biology</i> , <b>2017</b> , 37,	4.8	36
40	Crosstalk between mTOR complexes. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 1263-5	23.4	36
39	Regulation of the Elongation Phase of Protein Synthesis Enhances Translation Accuracy and Modulates Lifespan. <i>Current Biology</i> , <b>2019</b> , 29, 737-749.e5	6.3	35
38	mTORC1 signalling and eIF4E/4E-BP1 translation initiation factor stoichiometry influence recombinant protein productivity from GS-CHOK1 cells. <i>Biochemical Journal</i> , <b>2016</b> , 473, 4651-4664	3.8	35
37	Molecular Mechanism for the Control of Eukaryotic Elongation Factor 2 Kinase by pH: Role in Cancer Cell Survival. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 1805-24	4.8	34
36	Cambogin Induces Caspase-Independent Apoptosis through the ROS/JNK Pathway and Epigenetic Regulation in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 1738-49	6.1	32
35	Signaling crosstalk between the mTOR complexes. <i>Translation</i> , <b>2014</b> , 2, e28174		29
34	Elongation factor 2 kinase promotes cell survival by inhibiting protein synthesis without inducing autophagy. <i>Cellular Signalling</i> , <b>2016</b> , 28, 284-93	4.9	28

33	Molecular susceptibility to glycation and its implication in diabetes mellitus and related diseases. <i>Molecular and Cellular Biochemistry</i> , <b>2010</b> , 344, 185-93	4.2	26
32	Eukaryotic elongation factor 2 kinase promotes angiogenesis in hepatocellular carcinoma via PI3K/Akt and STAT3. <i>International Journal of Cancer</i> , <b>2020</b> , 146, 1383-1395	7.5	26
31	Eukaryotic Elongation Factor 2 Kinase (eEF2K) in Cancer. <i>Cancers</i> , <b>2017</b> , 9,	6.6	24
30	Guttiferone K suppresses cell motility and metastasis of hepatocellular carcinoma by restoring aberrantly reduced profilin 1. <i>Oncotarget</i> , <b>2016</b> , 7, 56650-56663	3.3	24
29	Transcriptional and metabolic rewiring of colorectal cancer cells expressing the oncogenic KRAS mutation. <i>British Journal of Cancer</i> , <b>2019</b> , 121, 37-50	8.7	22
28	Eukaryotic elongation factor 2 kinase upregulates the expression of proteins implicated in cell migration and cancer cell metastasis. <i>International Journal of Cancer</i> , <b>2018</b> , 142, 1865-1877	7.5	22
27	Exendin-4 stimulates islet cell replication via the IGF1 receptor activation of mTORC1/S6K1. <i>Journal of Molecular Endocrinology</i> , <b>2014</b> , 53, 105-15	4.5	19
26	Who does TORC2 talk to?. <i>Biochemical Journal</i> , <b>2018</b> , 475, 1721-1738	3.8	19
25	eEF2K enhances expression of PD-L1 by promoting the translation of its mRNA. <i>Biochemical Journal</i> , <b>2020</b> , 477, 4367-4381	3.8	17
24	The MAP kinase-interacting kinases (MNKs) as targets in oncology. <i>Expert Opinion on Therapeutic Targets</i> , <b>2019</b> , 23, 187-199	6.4	17
23	The eEF2 kinase-induced STAT3 inactivation inhibits lung cancer cell proliferation by phosphorylation of PKM2. <i>Cell Communication and Signaling</i> , <b>2020</b> , 18, 25	7.5	16
22	Quantitative Non-canonical Amino Acid Tagging (QuaNCAT) Proteomics Identifies Distinct Patterns of Protein Synthesis Rapidly Induced by Hypertrophic Agents in Cardiomyocytes, Revealing New Aspects of Metabolic Remodeling. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 3170-3189	7.6	15
21	Cambogin exerts anti-proliferative and pro-apoptotic effects on breast adenocarcinoma through the induction of NADPH oxidase 1 and the alteration of mitochondrial morphology and dynamics. <i>Oncotarget</i> , <b>2016</b> , 7, 50596-50611	3.3	15
20	Regulated stability of eukaryotic elongation factor 2 kinase requires intrinsic but not ongoing activity. <i>Biochemical Journal</i> , <b>2015</b> , 467, 321-31	3.8	14
19	Design, synthesis and activity of Mnk1 and Mnk2 selective inhibitors containing thieno[2,3-d]pyrimidine scaffold. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 162, 735-751	6.8	14
18	A novel fluorescent probe reveals starvation controls the commitment of amyloid precursor protein to the lysosome. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 1554-1565	4.9	12
17	Characterization of p75 neurotrophin receptor expression in human dental pulp stem cells. <i>International Journal of Developmental Neuroscience</i> , <b>2016</b> , 53, 90-98	2.7	12
16	Ablation of elongation factor 2 kinase enhances heat-shock protein 90 chaperone expression and protects cells under proteotoxic stress. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 7169-7176	5.4	11

15	The gene for the lysosomal protein LAMP3 is a direct target of the transcription factor ATF4. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 7418-7430	5.4	10
14	A feedback loop between the androgen receptor and 6-phosphogluconate dehydrogenase (6PGD) drives prostate cancer growth. <i>ELife</i> , <b>2021</b> , 10,	8.9	6
13	The Lifeact-EGFP mouse is a translationally controlled fluorescent reporter of T cell activation. <i>Journal of Cell Science</i> , <b>2020</b> , 133,	5.3	5
12	Reciprocal signaling between mTORC1 and MNK2 controls cell growth and oncogenesis. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 249-270	10.3	5
11	The composition of the gut microbiota following early-life antibiotic exposure affects host health and longevity in later life. <i>Cell Reports</i> , <b>2021</b> , 36, 109564	10.6	5
10	Regulation of mRNA Translation by Hormone Receptors in Breast and Prostate Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
9	The prohibitin-binding compound fluorizoline affects multiple components of the translational machinery and inhibits protein synthesis. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 9855-9867	5.4	3
8	MAPK-interacting kinase 2 (MNK2) regulates adipocyte metabolism independently of its catalytic activity. <i>Biochemical Journal</i> , <b>2020</b> , 477, 2735-2754	3.8	3
7	Cyclosporin A but not FK506 activates the integrated stress response in human cells. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 15134-15143	5.4	2
6	Bicuculline regulated protein synthesis is dependent on Homer1 and promotes its interaction with eEF2K through mTORC1-dependent phosphorylation. <i>Journal of Neurochemistry</i> , <b>2021</b> , 157, 1086-1101	6	2
5	Eukaryotic elongation factor 2 kinase regulates foam cell formation via translation of CD36.. <i>FASEB Journal</i> , <b>2022</b> , 36, e22154	0.9	1
4	TSC-insensitive Rheb mutations induce oncogenic transformation through a combination of constitutively active mTORC1 signalling and proteome remodelling. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 4035-4052	10.3	0
3	Da-Chai-Hu-Tang Protects From Acute Intrahepatic Cholestasis by Inhibiting Hepatic Inflammation and Bile Accumulation Activation of PPAR $\alpha$ <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 847483	5.6	0
2	Constitutively active Rheb mutants [T23M] and [E40K] drive increased production and secretion of recombinant protein in Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , <b>2021</b> , 118, 2422-2434	4.9	4
1	Regulation   mTOR and its Substrates <b>2021</b> , 614-630		